

From arc5 at ix.netcom.com Sun Apr 1 09:17:42 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 1 Apr 2012 08:17:42 -0500
Subject: [BoatAnchors] FS: Heathkit TC-1 Tube Tester
Message-ID: <70C4B252026C4689887CB9ED1DE33012@DaddyPC>

Heathkit TC-1 Tube Tester in good working shape.

\$35 plus shipping for 13 lbs, 19-14-12 in. from 75173.

PayPal only. Sorry but not checks or MO, please.

Thanks.

From kd5byb at kd5byb.net Sun Apr 1 09:56:56 2012
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sun, 01 Apr 2012 08:56:56 -0500
Subject: [BoatAnchors] Back to the regulated power supply...
Message-ID: <4F785EA8.2060608@kd5byb.net>

Morning all,

I had to divert from the sand-state regulated power supply for a couple of reasons. The most important being that I was testing my supply with a collection of power resistors mounted to a board. Changing load involved moving connections around to get the right combination of load.

I needed something better - something purpose-built for the task. With a rotary switch. And meters. And a way to turn the load on/off. Below is what I came up with:

<<http://www.kd5byb.net/HVTEST/hvload.jpg>>

Rotary switch selects the number of power resistors connected in series.

Meter range switch shorts out a section of the current metering resistor network, allowing the meter to be either 50mA or 150mA FS. Meter on left is a voltmeter, 500V FS.

Perhaps the most interesting thing in this whole setup is the component choice. If you look at the meters, you may be able to make out the Cyrillic "MADE IN USSR" on them. Yep, they are Soviet meters, bought from a buy in Bulgaria last Christmas. The rotary switch is Soviet / Russian, make-before-break, rated probably for a kV, given the spacing and ceramic insulation, bought from a guy in the Ukraine.

It has a small muffin fan in the rear for forced-air cooling.

Now that this is done, time to put the HV power supply brass-board back on the bench and install some new HV mosfets that did not come from the junk-box...

thanks much and 73,
ben, kd5byb

From kd5byb at kd5byb.net Sun Apr 1 16:56:20 2012
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sun, 01 Apr 2012 15:56:20 -0500
Subject: [BoatAnchors] RBA station / freq / band / dial charts
Message-ID: <4F78C0F4.9070006@kd5byb.net>

Afternoon all,

The RBA I got from Don had several very nice charts in the little holders. Figured others might benefit from a scan of them...

<<http://www.kd5byb.net/RBA/RBA%20charts.jpg>>

I'm going to see if I cannot clean them up with GIMP.

thanks much and 73,
ben, kd5byb

From kd5byb at kd5byb.net Sun Apr 1 17:48:43 2012
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sun, 01 Apr 2012 16:48:43 -0500
Subject: [BoatAnchors] RBA station / freq / band / dial charts
In-Reply-To: <4F78C0F4.9070006@kd5byb.net>
References: <4F78C0F4.9070006@kd5byb.net>
Message-ID: <4F78CD3B.4000907@kd5byb.net>

Evening all,

Here's a better one:

<<http://www.kd5byb.net/RBA/RBA%20Chart%20BW.jpg>>

Scanned as B+W, then a little bit of touch-up.

thanks much,
ben

From ddillman at igc.org Sun Apr 1 19:15:11 2012
From: ddillman at igc.org (Richard Dillman)
Date: Sun, 1 Apr 2012 16:15:11 -0700 (GMT-07:00)
Subject: [BoatAnchors] KSM/K6KPH Sunday Operations
Message-ID: <1820569.1333322111999.JavaMail.root@elwamui-
polski.atl.sa.earthlink.net>

As readers of these pages may recall we've been contemplating the expansion of KSM and K6KPH services to Sundays in addition to the current Saturdays. The idea is only possible because of the enthusiasm of ex-US Navy and ex-USCG Morse operator Mike Payne (MP). After a few trial runs we discussed the best way to proceed at our Saturday Services of the Church of the Continuous Wave (where coffee and pastry are served) at the Bolinas transmitter site.

The decision hinged on Mike's laundry.

MP works five days a week, he's at KSM/K6KPH each Saturday and he has to do his laundry some time. So here's the plan:

The KSM/K6KPH Morse service will be available on Sundays on a week-by-week basis, depending on the number of clean socks Mike has on hand.

Since we won't be able to make an announcement of Sunday operations sufficiently in advance to be useful the suggestion is that the KSM Morse frequencies be monitored. See:

http://www.radiomarine.org/gallery/show?keyword=ksmstation&panel=pab1_2#pab1_2

for a list of those frequencies. Operations will typically begin at about 1200 Pacific time and continue until 1600 Pacific time.

If you hear the KSM wheel or weather broadcast you'll know that not only is KSM on the air but K6KPH is too.

Mike will be on his own so if you call K6KPH on 14050 and don't get an answer it may be that he's on 21050 or another frequency, or busy editing the weather for broadcast on KSM. Please try again later.

Thanks to all those who wrote to encourage the expansion of station operations. We're happy that we're able to move in that direction.

VY 73,

RD

=====
Richard Dillman, WPE2VT
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
<http://www.radiomarine.org>
=====

From provero at ct.metrocast.net Sun Apr 1 19:35:19 2012
From: provero at ct.metrocast.net (P.J. Rovero)
Date: Sun, 1 Apr 2012 19:35:19 -0400
Subject: [BoatAnchors] RBA station / freq / band / dial charts
Message-ID: <62386.1333323319@ct.metrocast.net>

On Sun 04/01/12 16:56 , Ben Hall <kd5byb at kd5byb.net> wrote:

> Afternoon all,
> The RBA I got from Don had several very nice charts in the little
> holders. Figured others might benefit from a scan of them...

Ben,

Concentrate on just the words, starting with
the "best" or cleanest example of the 4 words.
Then put them in a "new" spreadsheet.

Of course, that might look *too* good.
The Gimp is your friend....

P.J. "Josh" Rovero Ham Radio: KK1D
Web: <http://www.roveroresearch.info>
Web2: <http://www.roveroresearch.org>

From arc5 at ix.netcom.com Mon Apr 2 14:37:17 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Mon, 2 Apr 2012 13:37:17 -0500 (GMT-05:00)
Subject: [BoatAnchors] [Boatanchors] FS: Heathkit TC-1 Tube Tester
Message-ID: <15670042.1333391837075.JavaMail.root@wamui-june.atl.sa.earthlink.net>

Quite a delay.
The unit is sold.
Thanks.

-----Original Message-----

>From: David Stinson <arc5 at ix.netcom.com>
>Sent: Apr 1, 2012 8:17 AM
>To: boatanchors at theporch.com, boatanchors at mailman.qth.net
>Subject: [Boatanchors] FS: Heathkit TC-1 Tube Tester
>
>Heathkit TC-1 Tube Tester in good working shape.
>
>\$35 plus shipping for 13 lbs, 19-14-12 in. from 75173.
>
>PayPal only. Sorry but not checks or MO, please.
>
>Thanks.
>
>
>-----
>Boatanchors mailing list
>Home: <http://mailman.qth.net/mailman/listinfo/boatanchors>
>Help: <http://mailman.qth.net/mmfaq.htm>
>Post: <mailto:Boatanchors at mailman.qth.net>
>
>List Administrator: Duane Fischer, W8DBF
>** For Assistance: dfischer at usol.com **
>
>
>This list hosted by: <http://www.qsl.net>
>Please help support this email list: <http://www.qsl.net/donate.html>

From arc5 at ix.netcom.com Tue Apr 3 07:22:55 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Tue, 3 Apr 2012 06:22:55 -0500
Subject: [BoatAnchors] Need Large-Blank 3890 KC Xtal
Message-ID: <90E2805C37A549F796AF93B56EF1A1C6@DaddyPC>

Seeking a large-blank (like DC-34, DC-35, FT-171 etc.)
xtal for 3890 KC. FT-243 will not work.
Have lots to trade or will purchase.
Thanks!
73 Dave AB5S

From anchor at ec.rr.com Tue Apr 3 09:24:29 2012
From: anchor at ec.rr.com (Al Parker)
Date: Tue, 03 Apr 2012 09:24:29 -0400

Subject: [BoatAnchors] Estate sale items F.S., incl. Eldico SSB100F
Message-ID: <4F7AFA0D.5080208@ec.rr.com>

Hi folks,

I've been working at selling off the estate items of Greg Mijal, WA7LY0. Most of the large items have found regional area buyers who were able to pick things up in Kinston, NC, but there are a few large things, plus many small "accessories" available.

pix & info at <<http://www.boatanchors.org/Gregs.htm>>

For example:

Eldico SSB100F transmitter, \$300 This was set up and operating in his shack

Heath SB-303 \$150 also set up in the shack, next to the Eldico

Both of the above are expected to be in operating condition, but I have not checked them out.

Johnson Viking Ranger (early) \$150 Greg had started work on getting this on the air, electrolytics have been replaced, I did power it up, could get about 25 watts output on 40m, but the VFO didn't change freq., and the meter needle is stuck at about 3/4 scale.

Heath DX-35 \$65 One fellow has said he was sure Greg had used this on the air not too long ago.

GF-12 transmitter, by Western Electric, with 6.2 to 7.7 mc coil set \$50 some documentation with it, probably not been on the air for Greg.

Clegg Thor 6 \$95 with p.s./mod.

pix of these, and many more items may be seen at
<<http://www.boatanchors.org/Gregs.htm>>

It's been a month since I updated that page, I'll try to update it today, some items have been sold. The update date will be displayed at the top of the page.

If you can pick up in Kinston, that's best. I am going to be at the Raleigh Hamfest this Sat., 4/7, and if I have received at least a deposit (Paypal OK) I can deliver any of the larger items there on Fri. PM, or Sat. AM. I have limited space, so will not be bringing these items unless spoken for. Packing and shipping is difficult, but can possibly be arranged at buyer's expense for the small items. I am located 45 miles from Kinston, and do not make the trip often.

If any questions, pse email me, pse do not fone.

73,

Al, W8UT

www.boatanchors.org

www.hammarlund.info

"There is nothing -- absolutely nothing -- half so much
worth doing as simply messing about in boats"

Ratty, to Mole

From arc5 at ix.netcom.com Fri Apr 6 13:51:13 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Fri, 6 Apr 2012 12:51:13 -0500
Subject: [BoatAnchors] OT: Chilling B-52 Radio Traffic from Operation Linebacker II
Message-ID: <9DE1EE54B7C74DAC8717590AF93A6ABD@DaddyPC>

B-52 Radio traffic from Operation Linebacker II, 1972.
At about 1:00, a SAM blasts a B-52 and you hear the many bail-out beacons as the surviving crew members paracute into captivity.
Also noteable: There is little filthy-mouth, unlike the audio you get from today, which features more F-bombs than bullets.

<http://tinyurl.com/7oqhkeu>

From jerry7proc at yahoo.com Fri Apr 6 16:20:35 2012
From: jerry7proc at yahoo.com (Jerry Proc)
Date: Fri, 6 Apr 2012 13:20:35 -0700 (PDT)
Subject: [BoatAnchors] FWD: Radio Caroline To Become Tourist Attraction
Message-ID: <1333743635.40812.YahooMailNeo@web112316.mail.gq1.yahoo.com>

Hello Everyone,

?

This web site chronicles the story of Radio Caroline, a converted fishing trawler that was moored off the coast of England in late 60?s to the 80?s, broadcasting pop music to the masses, much to the disgust of the BBC and governments of the day. Although broadcasting illegally, it did push the BBC and the government of the time to open up the broadcast spectrum and heralded the establishment of commercial radio services in the UK and Europe. The vessel is now moored at Tilbury dock on the Thames and is in the process of becoming a bona-fide tourist attraction after years of work by groups of volunteers. The ship however, lost her original 300 ft mast which went overboard during a severe storm in 1987.

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There?s a pretty good section on the RCA Ampliphase transmitter that they used plus other assorted facts and details. ?

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<http://www.rossrevenge.co.uk/tx/txroom.htm>

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Regards,

Jerry Proc
E-mail: jerry7proc at yahoo.com

From bill at iaxs.net Fri Apr 6 19:18:34 2012
From: bill at iaxs.net (Bill Hawkins)
Date: Fri, 6 Apr 2012 18:18:34 -0500
Subject: [BoatAnchors] FWD: Radio Caroline To Become Tourist Attraction
In-Reply-To: <1333743635.40812.YahooMailNeo@web112316.mail.gq1.yahoo.com>
References: <1333743635.40812.YahooMailNeo@web112316.mail.gq1.yahoo.com>
Message-ID: <D86AECBC4F54449BB5D218AC2018E689@cyrus>

Jerry,

Many thanks for that reference. Spent half an hour reading about the transmitters and the engine room. Excellent stuff.

Bill Hawkins

-----Original Message-----

From: Jerry Proc
Sent: Friday, April 06, 2012 3:21 PM

Hello Everyone,

?

This web site chronicles the story of Radio Caroline, a converted fishing trawler that was moored off the coast of England in late 60's to the 80's, broadcasting pop music to the masses, much to the disgust of the BBC and governments of the day. Although broadcasting illegally, it did push the BBC and the government of the time to open up the broadcast spectrum and heralded the establishment of commercial radio services in the UK and Europe. The vessel is now moored at Tilbury dock on the Thames and is in the process of becoming a bona-fide tourist attraction after years of work by groups of volunteers. The ship however, lost her original 300 ft mast which went overboard during a severe storm in 1987.

?

There's a pretty good section on the RCA Ampliphase transmitter that they used plus other assorted facts and details. ?

?

<http://www.rossrevenge.co.uk/tx/txroom.htm>

?

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Regards,
Jerry Proc
E-mail: jerry7proc at yahoo.com

From jerry7proc at yahoo.com Fri Apr 6 19:28:20 2012
From: jerry7proc at yahoo.com (Jerry Proc)
Date: Fri, 6 Apr 2012 16:28:20 -0700 (PDT)
Subject: [BoatAnchors] TBL Transmitter News
Message-ID: <1333754900.63942.YahooMailNeo@web112305.mail.gq1.yahoo.com>

Hello Everyone,

?

This is an extract from USS Slater Signals Newsletter by Timothy Rizzuto?. The video clip shows a TBL transmitter in actual operation. This is a real boatanchor in its finest hour.

?

"Jerry? Jones, Mike Wyles and Joe Breyer have reason for cautious optimism. They hope we will really be participating in the annual HNSA Museum Ship Amateur Radio Event, this year scheduled for June 2nd 0000Z to June 3rd 2359Z. Last year, SLATER?s historic radio transmitter type TBL-8 had just been installed and was undergoing initial shakedown testing. This last really major piece of equipment was the main high frequency communications radio transmitter, type TBL. This was found on the USS CLAMP about five years ago. A volunteer group from the San Francisco area, led by Tom Horsfall removed the 850 lb, refrigerator-size transmitter and its 1000 lb motor/generator set from the ship by sheer muscle power. After several years of TLC by Tom, the transmitter was restored to operating condition. An excellent video of Tom and this transmitter can be seen on YOUTUBE <http://www.youtube.com/watch?v=3oHlykhQVuU> .

?

It was shipped across the country and reinstalled to original Navy specifications in SLATER?s radio room. Just at the beginning of the much anticipated HNSA radio event, the oscillator stopped working, caused by a shorted tuning capacitor. After that was repaired, a serious problem occurred. The 1600 volt winding in one of the two generators shorted and burned. The original manufacturer, Bogue Electric Co., is still in business after some 120 years, and they graciously offered to honor the original 70-year-old warranty on their generator! It was shipped to New Jersey, and sadly, they determined that they and their subcontractors no longer have the obsolete technology to repair it. Then, we were contacted by Tom Aschenbrenner, who is the radio and radar ?guru? at the submarine museum ship USS COBIA SS245 in Manitowoc, Wisconsin. They have, miraculously, a NOS (new old stock) armature which they have agreed to send us".?

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End of forwarded content.

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Regards,

Jerry Proc

E-mail: jerry7proc at yahoo.com

From arc5 at ix.netcom.com Sat Apr 7 11:15:56 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Sat, 7 Apr 2012 10:15:56 -0500
Subject: [BoatAnchors] Instructograph Spring Motor
Message-ID: <1DE7A3CF184248E0A324821634BFE903@DaddyPC>

Someone here needed a spring motor for an Instructograph
cope practice machine. I have one available.
73 Dave AB5S

From arc5 at ix.netcom.com Mon Apr 9 22:44:55 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Mon, 9 Apr 2012 21:44:55 -0500
Subject: [BoatAnchors] Heath Company MA-4 Aircraft Receiver
Message-ID: <CC29952D274B4B588F03F37C3AEDE160@DaddyPC>

Still hoping someone has a diagram for the early
Heath Company MA-4 Aircraft Receiver,
the one that was actually built by Meissner
and branded for Heath. Google no help.
Is there a "guru" I can contact?

73 Dave AB5S

From bluegrassdakine at hotmail.com Wed Apr 11 02:02:16 2012
From: bluegrassdakine at hotmail.com (Raymond Cote)
Date: Tue, 10 Apr 2012 20:02:16 -1000
Subject: [BoatAnchors] new member (old member returning)
Message-ID: <BAY152-W50418E43FA40937ADB2C2A9350@phx.gbl>

Greeting all. Thought I'd just say hello after being gone for a while due to a
move from Hawaii to Illinois. Yes, I did it.

Looking forward to reading the "mail" and seeing what Ya'll are working on and and
what items are being sold or moved to a new owner.

Raymond Cote

From ddillman at igc.org Wed Apr 11 16:57:56 2012
From: ddillman at igc.org (Richard Dillman)
Date: Wed, 11 Apr 2012 13:57:56 -0700 (GMT-07:00)
Subject: [BoatAnchors] Fantastic Insulators II
Message-ID: <26746536.1334177876548.JavaMail.root@elwamui-

norfolk.atl.sa.earthlink.net>

Readers of these pages may recall our announcement some time ago that the MRHS had acquired three fantastic insulators of the type used to construct the coils used with the Alexanderson multiple tuned antenna, one of which was installed at our transmitting site in Bolinas, CA.

Now comes three additional photographs from the fine folks at Grimeton Radio/SAQ in Sweden, the site of the last operational Alexanderson alternator. These photos show in greater detail how these insulators were used to form the tuning coils for the Alexanderson antenna.

Check 'em out at:

http://www.radiomarine.org/gallery/show?keyword=INS&panel=pab1_6#pab1_6

RD

=====
Richard Dillman, WPE2VT
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
<http://www.radiomarine.org>
=====

From jim.isbell at gmail.com Thu Apr 12 13:59:08 2012
From: jim.isbell at gmail.com (Jim Isbell, W5JAI)
Date: Thu, 12 Apr 2012 12:59:08 -0500
Subject: [BoatAnchors] Two 4-1000A linears for sale
Message-ID: <CAB+LbZD3nSkrr6=6k0xgxR0yND-R+AE0_C6308vk-oZQwk20hGw@mail.gmail.com>

I have two huge linears. One is a one tube 4-1000A and the other has two tubes 4-1000A. Both have a huge power supply that will go with them. They are BIG power supplies, 200 pounds or maybe more!! They are pick up only, I will not ship them. You must come with a pickup truck and a pair of hired hands. I cannot help lift them. They really take three people to lift them unless you have a bed crane and accessories to lift them into the truck.

I bought these some time ago to put on the air, but I can see that I will never get around do it so they must go. \$950 for the single tube unit WITH powersupply and \$1250 for the dual tube unit with power supply, \$2000 for both or will trade BOTH for a Collins 30S1.

pictures of the one tube linear can be seen at
<https://picasaweb.google.com/jim.isbell/HamGear02>

The dual tube unit looks the same except there are two tubes in the cabinet.

They are like new and I don't think have ever been fired up. The tubes may not be new but they look good. The largest power supply is built into a wooden desk that is coming apart from the weight. The smaller power supply is in a 19" rack cabinet.

Jim Isbell

TheFreeRepublicAt.WordPress.com

www.youtube.com/watch?v=BFtoaMM1ChY&feature=related

www.youtube.com/watch?v=dyjJ3Fw0nSQ

www.facebook.com/profile.php?id=1000000010609777

Beware the man who only carries one gun. HE PROBABLY KNOWS HOW TO USE IT!!!

From pmiddleton at niu.edu Sun Apr 15 00:34:21 2012

From: pmiddleton at niu.edu (Peter Middleton)

Date: Sat, 14 Apr 2012 23:34:21 -0500

Subject: [BoatAnchors] ARRL Handbooks + misc.

Message-ID: <4F8A097D020000710010470C@smtp2.gw.niu.edu>

I have distributed all the items--just wish I had more of the old Handbooks!
Thanks to all who responded.

73,

Peter K6UNO

From wb0eq at yahoo.com Sun Apr 15 11:11:32 2012

From: wb0eq at yahoo.com (John Sehring)

Date: Sun, 15 Apr 2012 08:11:32 -0700 (PDT)

Subject: [BoatAnchors] Your station pictures

Message-ID: <1334502692.46791.YahooMailNeo@web45612.mail.sp1.yahoo.com>

My thanks to Jim Isbell for his station pix.? How nice to take a virtual tour from my easy chair.

That got me thinking (sometimes a dangerous thing).? Others who want to share pix of their ham shacks could do same, using, say, Picassa (is there an easier/better pix site?).

It wouldn't take any bandwidth from the BA list & would be entirely optional to view.

I'm thinking there'd be some outstanding & outrageous & astonishing equipment collections to see from BA members.

What say.

?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

From wb0eq at yahoo.com Sun Apr 15 11:20:08 2012

From: wb0eq at yahoo.com (John Sehring)

Date: Sun, 15 Apr 2012 08:20:08 -0700 (PDT)

Subject: [BoatAnchors] Collins R-390A

Message-ID: <1334503208.14400.YahooMailNeo@web45605.mail.sp1.yahoo.com>

I can't believe it.? After years of wanting/lusting/panting after an R-390A I scored one at a very local hamfest here in Calgary, Alberta.? But they are rather pricey (I don't mean over-priced) so it never happened.

The price--hope you're sitting down-- was \$50!!!? I couldn't believe my eyes!?

Included a ton of paperwork for it, too.

It's a beauty, in good cosmetic condition.? I haven't tried to power it up.? I will use my Emergency Room resuscitation protocol--verrry carefully.

Front label sez:? "Serial No. 3301? Collins Radio Company? Order No. 8719-P-55? U.S."

So what do you all think I've got here?

?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

From WA5CAB at cs.com Sun Apr 15 11:49:06 2012

From: WA5CAB at cs.com (WA5CAB at cs.com)

Date: Sun, 15 Apr 2012 11:49:06 -0400 (EDT)

Subject: [BoatAnchors] Collins R-390A

Message-ID: <34fb6.24a66a43.3cbc47f2@cs.com>

Congrats. Not only did you get it for near scrap price but it's actually a Collins. Moderately unusual in a 390A.

In a message dated 04/15/2012 10:20:32 AM Central Daylight Time,
wb0eq at yahoo.com writes:

> I can't believe it. After years of wanting/lusting/panting after an
> R-390A I scored one at a very local hamfest here in Calgary, Alberta. But they
> are rather pricey (I don't mean over-priced) so it never happened.
>
>
> The price--hope you're sitting down-- was \$50!!! I couldn't believe my
> eyes! Included a ton of paperwork for it, too.
>
>
> It's a beauty, in good cosmetic condition. I haven't tried to power it
> up. I will use my Emergency Room resuscitation protocol--verrry carefully.
>
> Front label sez: "Serial No. 3301 Collins Radio Company Order No.
> 8719-P-55 U.S."
>
> So what do you all think I've got here?
>
>
> --John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

From rbsing1 at ilstu.edu Sun Apr 15 12:51:45 2012
From: rbsing1 at ilstu.edu (Singley, Rodger)
Date: Sun, 15 Apr 2012 16:51:45 +0000
Subject: [BoatAnchors] Collins R-390A
In-Reply-To: <1334503208.14400.YahooMailNeo@web45605.mail.sp1.yahoo.com>
References: <1334503208.14400.YahooMailNeo@web45605.mail.sp1.yahoo.com>
Message-ID: <0DEBF1C8D8437248BE53CD4213B89BD318DAE744@ISUEMBX02.ad.ilstu.edu>

Hi John,

Congratulations on a great buy and I guess this means Collins prices haven't gone up in awhile :) I picked up my first Collins receiver in the late 1990's at the Starved Rock hamfest in Illinois. It is serial #3576, same order numbers as yours (8719-P-55). It came with the top and bottom covers, original manual, original meters, and a couple of spare ballast tubes. I was just leaving the hamfest when a car pulled up next to my pickup and he had the 390A in his trunk. I asked how much and he told me \$50 firm, that was a VERY fast sale :)

Does your receiver have the calibrated BFO offset knob also?

Rodger WQ9E

Dr. Rodger B. Singley
Professor of Marketing

-----Original Message-----

From: boatanchors-bounces at theporch.com [mailto:boatanchors-bounces at theporch.com] On Behalf Of John Sehring
Sent: Sunday, April 15, 2012 10:20 AM
To: Boatanchors List
Subject: [BoatAnchors] Collins R-390A

I can't believe it.? After years of wanting/lusting/panting after an R-390A I scored one at a very local hamfest here in Calgary, Alberta.? But they are rather pricey (I don't mean over-priced) so it never happened.

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Front label sez:?"Serial No. 3301? Collins Radio Company? Order No. 8719-P-55? U.S."

So what do you all think I've got here?

?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

BoatAnchors mailing list
BoatAnchors at theporch.com
<https://minime.theporch.com/mailman/listinfo/boatanchors>

From johnmb at nc.rr.com Sun Apr 15 17:36:13 2012
From: johnmb at nc.rr.com (john)
Date: Sun, 15 Apr 2012 17:36:13 -0400
Subject: [BoatAnchors] Collins R-390A
In-Reply-To: <0DEBF1C8D8437248BE53CD4213B89BD318DAE744@ISUEMBX02.ad.ilstu.edu>
References: <1334503208.14400.YahooMailNeo@web45605.mail.sp1.yahoo.com>
<0DEBF1C8D8437248BE53CD4213B89BD318DAE744@ISUEMBX02.ad.ilstu.edu>
Message-ID: <6.2.1.2.2.20120415173537.03b88030@pop-server.nc.rr.com>

>

>
>Front label sez: "Serial No. 3301 Collins Radio Company Order No.
>8719-P-55 U.S."
>
>So what do you all think I've got here?

A bargain!

Congrats!
John K5MO

From bluegrassdakine at hotmail.com Mon Apr 16 02:43:50 2012
From: bluegrassdakine at hotmail.com (Raymond Cote)
Date: Sun, 15 Apr 2012 20:43:50 -1000
Subject: [BoatAnchors] Collins R-390A
In-Reply-To: <1334503208.14400.YahooMailNeo@web45605.mail.sp1.yahoo.com>
References: <1334503208.14400.YahooMailNeo@web45605.mail.sp1.yahoo.com>
Message-ID: <BAY152-W202E51E4A4AD4903E31EF8A93E0@phx.gbl>

You have my radio, John. I will be glad to re-reimburse you for your extravagant cost.

He he he

So what do you all think I've got here?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

BoatAnchors mailing list
BoatAnchors at theporch.com
<https://minime.theporch.com/mailman/listinfo/boatanchors>

From knjhanlon at msn.com Wed Apr 18 18:09:41 2012
From: knjhanlon at msn.com (JAMES HANLON)
Date: Wed, 18 Apr 2012 16:09:41 -0600
Subject: [BoatAnchors] Stuck coil slugs
Message-ID: <SNT106-W163568893063362CA27279A03C0@phx.gbl>

A while ago a "friend" traded me his HQ-145 for my fully restored and working HQ-129x. He really wanted an HQ-129x, and I had a couple of others in my restore line, so I made the trade to please him. He told me that the 145 was working but

needed some alignment.

When I started on the IF alignment, I discovered that the slug I was attempting to turn was 1) stuck tight inside what appeared to be a cardboard coil form and 2) half of the top of the slug was broken off so that my slot-type screwdriver blade would no longer engage it properly.

Does anyone have any suggestions for loosening these stuck slugs? I'm thinking if the slug were loose enough to turn I could glue some kind of plastic stick to it for adjustment purposes and just leave it there. Any suggestions about that would be welcome as well.

Thanks,

Jim, W8KGI

From rbsingl at ilstu.edu Wed Apr 18 18:40:06 2012
From: rbsingl at ilstu.edu (Singley, Rodger)
Date: Wed, 18 Apr 2012 22:40:06 +0000
Subject: [BoatAnchors] Stuck coil slugs
In-Reply-To: <SNT106-W163568893063362CA27279A03C0@phx.gbl>
References: <SNT106-W163568893063362CA27279A03C0@phx.gbl>
Message-ID: <0DEBF1C8D8437248BE53CD4213B89BD318DAF225@ISUEMBX02.ad.ilstu.edu>

Jim,

I have been successful using heat but that was with hex type cores that were largely intact so I doubt if that will help in this case. With an intact hex core you can often un-stick them by putting a metal allen wrench into the core and heating the wrench with a soldering iron.

With your core, you may well have to break what is left of the core and dump or vacuum out the pieces. With the top broken it is likely that the core is fractured and stuck in place; even if not with it already damaged it is likely to fracture during the attempted removal process. A small screwdriver can be used carefully to get the core to fragment into removable pieces.

I can't remember now which set it was in but there is a style where the core floats in the core and is suspended by a piece of (presumably copper) wire going through a cardboard disc on top of the core. A bit of rubber compound around where the wire goes through the disk allows it to slide but provides sufficient friction to hold it in place. I think this was a JA AM/SW receiver that I saw this in but I can't remember now. In any case you should be able to fit a similar system to your damaged IF transformer.

Rodger WQ9E

Dr. Rodger B. Singley

Professor of Marketing

-----Original Message-----

From: boatanchors-bounces at theporch.com [mailto:boatanchors-bounces at theporch.com] On Behalf Of JAMES HANLON
Sent: Wednesday, April 18, 2012 5:10 PM
To: boatanchors
Subject: [BoatAnchors] Stuck coil slugs

A while ago a "friend" traded me his HQ-145 for my fully restored and working HQ-129x. He really wanted an HQ-129x, and I had a couple of others in my restore line, so I made the trade to please him. He told me that the 145 was working but needed some alignment.

When I started on the IF alignment, I discovered that the slug I was attempting to turn was 1) stuck tight inside what appeared to be a cardboard coil form and 2) half of the top of the slug was broken off so that my slot-type screwdriver blade would no longer engage it properly.

Does anyone have any suggestions for loosening these stuck slugs? I'm thinking if the slug were loose enough to turn I could glue some kind of plastic stick to it for adjustment purposes and just leave it there. Any suggestions about that would be welcome as well.

Thanks,

Jim, W8KGI

BoatAnchors mailing list
BoatAnchors at theporch.com
<https://minime.theporch.com/mailman/listinfo/boatanchors>

From ranickel at comcast.net Wed Apr 18 19:46:38 2012
From: ranickel at comcast.net (Robert Nickels)
Date: Wed, 18 Apr 2012 18:46:38 -0500
Subject: [BoatAnchors] Stuck coil slugs
In-Reply-To: <SNT106-W163568893063362CA27279A03C0@phx.gbl>
References: <SNT106-W163568893063362CA27279A03C0@phx.gbl>
Message-ID: <4F8F525E.5050909@comcast.net>

On 4/18/2012 5:09 PM, JAMES HANLON wrote:

>

> Does anyone have any suggestions for loosening these stuck slugs?

Hi Jim,

I've yet to see a really 'stuck' slug that isn't broken or at least cracked. Once that happens, in my opinion you've got no alternative but to remove it.

I've shared the following from the Collins reflector several times, as it's the only method that I've found is proven to work just as well as the author says, and in my opinion the goal is to get the broken slug out in a way that minimizes risk to the remaining coil or transformer. As long as you have a steady hand and go carefully, it takes less time to remove the slug than to read how to do it.

73, Bob W9RAN

Hi Folks,

I have done this to IF cans many times, i.e., replacing a cracked slug.. A very easy way is this: First of all, of course if it's a non-obtainium (or hard to get) Collins can, then the utmost of care is required. First of all, there are two problems. You have to first remove the can. Why? because even after you are successful in quartering the broken slug, and removing the broken pieces, you still have to put another suitable slug in its place, and unless you remove the aluminum can, you won't be able to "fit" it by the bottom or top hole. OK, assuming that you're proficient enough to remove the can from the radio, and then the aluminum cover, set it aside, and go to your local hardware store, and tell them you need a .090 diamond plated round burr, with a standard 1/8 inch shank, and a working surface that is .4375 inch long. Furthermore, if asked, you would like the diamond plating grit to be in the #15 range, or, if you're very proficient with a Dremel tool, the diamond grit can be as rough as #30. I assume most Collins folks have a Dremel, and hopefully, it has a 1/8 inch collet. The best Dremels will have a flex cable, and foot control of the speed. If yours doesn't you'll have to be more careful. Now, the fun part. peer down at the broken slug, and look for the crack. Now, and this is important. carefully grab the plastic form, trying not to disturb the connected wires, and grab as close as you can to the broken slug. Put the burr in the slug, and 90 degrees from the crack, carefully start grinding. grind down the full length of the slug, but only go half the depth to the plastic. Proceed to do the same thing at 180 degrees, and 270 degrees.. Patience here is a virtue.. Go back, and keep grinding the three U slots until you get close to the plastic form. At this time, I usually get a sharp pick, and just with a small taste of pressure pry a little. It's funny, but usually, the slug will fall apart in four pieces, and fall to the bottom. Just shake it out, go up in the attic and find an old CB set, (or perhaps) you have some slugs around, and using the correct tuning wand, just screw it in, reassemble the can, put it back in the radio, and give it

a try.. Of course, looking at the slug, it looks just like the one you sliced apart, same length, same thread, etc. I know someone will probably bring up slug mix, and if I recall, most slugs in HF rigs are of the number 6 mix, but, I guess I've just been lucky with old CB i.f. can slugs that I have successfully used many times!

In closing, let me say, any information used above is just the way I have done I.F. cans for many years. If you try this, and break your coil form, don't blame me. My hands are still steady enough after all of these years that I can still do this kind of job. Make sure you ask yourself if you're up to it, and if not, you should ask a friend for help.

Best Regards CCA, Tony, WB8MLA Collins user, and fixer of the same for lotsa years...

From gumbear at pacbell.net Thu Apr 19 02:29:29 2012
From: gumbear at pacbell.net (Arden Allen)
Date: Wed, 18 Apr 2012 23:29:29 -0700
Subject: [BoatAnchors] Stuck coil slugs
References: <SNT106-W163568893063362CA27279A03C0@phx.gbl>
Message-ID: <004101cd1df5\$ca118030\$739d480c@KB6NAX>

Hi Jim,

As others have mentioned there are a variety of ways to remove a stuck slug including blasting them out with C4. I like the diamond burr approach. It has the best cutting ability compared to a twist drill which quickly goes dull trying to cut through what amounts to being a ceramic. If I have the correct picture in my mind of the type of transformer you have there are two mutually coupled coils each with a tuning slug. The cores probably have adjustment slots on both ends. The solution would be to turn the broken core over so the good end can be accessed with the alignment tool. Obviously the can will have to come out of the receiver and be disassembled. Get the other core out first so you can engage the broken core from its good end. If then you find the offending core is stuck then I think your next best hope is to pour a solvent into the coil form and allow some time for soaking the core loose. That may not be so good if the solvent dissolves what is holding the coil form together as I once learned by bitter disappointment, so tread lightly. Finding a suitable replacement slug is always the worst to contemplate unless you have a stack of Hammar organ donors in the back room.

Arden Allen
KB6NAX

The average dog is a nicer person than

the average person. -Andy Rooney

----- Original Message -----

From: JAMES HANLON

To: boatanchors

Sent: Wednesday, April 18, 2012 3:09 PM

Subject: [BoatAnchors] Stuck coil slugs

A while ago a "friend" traded me his HQ-145 for my fully restored and working HQ-129x. He really wanted an HQ-129x, and I had a couple of others in my restore line, so I made the trade to please him. He told me that the 145 was working but needed some alignment.

When I started on the IF alignment, I discovered that the slug I was attempting to turn was 1) stuck tight inside what appeared to be a cardboard coil form and 2) half of the top of the slug was broken off so that my slot-type screwdriver blade would no longer engage it properly.

Does anyone have any suggestions for loosening these stuck slugs? I'm thinking if the slug were loose enough to turn I could glue some kind of plastic stick to it for adjustment purposes and just leave it there. Any suggestions about that would be welcome as well.

Thanks,

Jim, W8KGI

BoatAnchors mailing list

BoatAnchors at theporch.com

<https://minime.theporch.com/mailman/listinfo/boatanchors>

From oldradio at comcast.net Thu Apr 19 17:26:21 2012

From: oldradio at comcast.net (oldradio at comcast.net)

Date: Thu, 19 Apr 2012 21:26:21 +0000 (UTC)

Subject: [BoatAnchors] Joe Walsh New Album Analog Man,
Music + video interview

Message-ID:

<832729492.2015448.1334870781107.JavaMail.root@sz0128a.westchester.pa.mail.comcast.net>

Joe Walsh fans,

New Album Analog Man release June 5, Music + video interview on his web site.

<http://joewalsh.com/>

73, John Dilks, K2TQN

-. -

From wb3fau55 at neo.rr.com Thu Apr 19 18:34:30 2012

From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)

Date: Thu, 19 Apr 2012 22:34:30 +0000

Subject: [BoatAnchors] Joe Walsh New Album Analog Man,
Music + video interview

In-Reply-To:

<832729492.2015448.1334870781107.JavaMail.root@sz0128a.westchester.pa.mail.comcast.net>

Message-ID: <20120419223430.15IT2.46394.root@cdptpa-web32-z02.mail.rr.com>

I have been a fan the old JW stuff for years. Glad he has gotten away from the Eagle thing, and got some new stuff going on! Some may not know, he is a big BA fan and ham.

WB6ACU. Russ.

---- oldradio at comcast.net wrote:

> Joe Walsh fans,

>

> New Album Analog Man release June 5, Music + video interview on his web site.

>

> <http://joewalsh.com/>

>

> 73, John Dilks, K2TQN

>

>

> -. -

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From jay at kk5im.com Fri Apr 20 09:57:42 2012

From: jay at kk5im.com (Jay H. Miller)

Date: Fri, 20 Apr 2012 08:57:42 -0500

Subject: [BoatAnchors] Old Bud Chassis

Message-ID: <p0611042fcbb71b698c98@[192.168.1.104]>

Anybody have any 5" x 13" x 3" aluminum chassis (Bud AC-422)?

Need two!

This size is long out of production.

Thanks!

***** jay at kk5im.com *****
Jay H. Miller, KK5IM Dallas, Texas
NRA * ARRL * DXCC * S.A.S.S. #34,692
32? AASR * MVPA #25,180
Website: <http://www.kk5im.com>
***** Proud to be 100% Macintosh since 1984! *****

From kd5byb at kd5byb.net Sat Apr 21 10:53:46 2012
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sat, 21 Apr 2012 09:53:46 -0500
Subject: [BoatAnchors] Some project updates...
Message-ID: <4F92C9FA.3050901@kd5byb.net>

Morning all,

I've been a little quiet lately - got distracted by some non-BA projects: (Fairbanks Morse Headless 1 1/2 hit-miss engine from about 1918) - but am now back working on BA stuff, mostly.

Non-BA side note: The FB headless does need a buzz coil and instead of reworking a model T coil, I'm using a TL494 switching power supply controller to drive the primary of a modern ignition coil. Yes, sort of odd to marry 1918 technology with 1960's to 1990's technology, but...

First, the regulated supply - procured some 800V and 1000V MOSFETS to use as the pass-transistor to replace the 400VDC unit I had been using for testing. I had seen some odd behavior with the 400VDC unit. Powered it up last night, put the spurs to it, and my Eico regulated supply went nuts and lost regulation. Grrrrr. Next up - fashioning up a transformer / rectifier supply that won't go nuts like the Eico until I figure out what is going goofy in it.

My switchable resistor-load is working very well.

Next up - the RBA/RBB/RBC trio from Don Reaves. Obtained the proper chassis connector that was missing from Robert Downs and its waiting to be installed. I tried to contact the connector folks in Kentucky (name escapes me) but never was able to get through. So I contacted the local circular-mil connector dealer in town (Mobile Electronics) and gave them the P/N. They found a match and I procured five of them. Not cheap,

but they are perfect minus having a clamp backshell rather than the sealed Navy backshell.

Why five? I've got plans to build two sets of cables for the power supply I have (4 connectors) and the fifth will go on a power supply of my own design for the third unit.

And I think I have a suitable power-supply donor - Don gave me two CV-89 converters and the little modular supply seems to do 250 VDC at 50mA all day long. With a little work, this will be perfect. I may use this little supply as my transistor-rectifier unit I need for testing my voltage regulator supply. Only thing it won't do is variable input voltage.

I have not done any more work on the power supply with the physically leaky choke. Once I get the regulated supply working, it is up next.

Anyways, back to the workbench!

thanks much and 73,
ben, kd5byb

From bill at iaxs.net Sat Apr 21 14:07:52 2012
From: bill at iaxs.net (Bill Hawkins)
Date: Sat, 21 Apr 2012 13:07:52 -0500
Subject: [BoatAnchors] Some project updates...
In-Reply-To: <4F92C9FA.3050901@kd5byb.net>
References: <4F92C9FA.3050901@kd5byb.net>
Message-ID: <5CB935696EDE474CB7598F72438FAC40@cyrus>

Went nuts? How about parasitic oscillation with the new MOSFET?

Is everybody bypassed for RF?

Bill Hawkins

-----Original Message-----

From: Ben Hall
Sent: Saturday, April 21, 2012 9:54 AM

First, the regulated supply - procured some 800V and 1000V MOSFETS to use as the pass-transistor to replace the 400VDC unit I had been using for testing. I had seen some odd behavior with the 400VDC unit. Powered it up last night, put the spurs to it, and my Eico regulated supply went nuts and lost regulation. Grrrr. Next up - fashioning up a transformer / rectifier supply that won't go nuts like the Eico until I figure out what is going goofy in it.

From kd5byb at kd5byb.net Sat Apr 21 14:30:34 2012
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sat, 21 Apr 2012 13:30:34 -0500
Subject: [BoatAnchors] Some project updates...
In-Reply-To: <5CB935696EDE474CB7598F72438FAC40@cyrus>
References: <4F92C9FA.3050901@kd5byb.net>
<5CB935696EDE474CB7598F72438FAC40@cyrus>
Message-ID: <4F92FCCA.2030905@kd5byb.net>

Hi Bill,

It's very possible - everything is pretty well bypassed, but who knows?
I will check into this.

thanks much,
ben

On 4/21/2012 1:07 PM, Bill Hawkins wrote:

> Went nuts? How about parasitic oscillation with the new MOSFET?
>
> Is everybody bypassed for RF?
>
> Bill Hawkins
>
> -----Original Message-----
> From: Ben Hall
> Sent: Saturday, April 21, 2012 9:54 AM
>
> First, the regulated supply - procured some 800V and 1000V MOSFETS to
> use as the pass-transistor to replace the 400VDC unit I had been using
> for testing. I had seen some odd behavior with the 400VDC unit. Powered
> it up last night, put the spurs to it, and my Eico regulated supply went
> nuts and lost regulation. Grrrr. Next up - fashioning up a transformer
> / rectifier supply that won't go nuts like the Eico until I figure out
> what is going goofy in it.
>
>
>
>

From gumbear at pacbell.net Sat Apr 21 16:45:41 2012
From: gumbear at pacbell.net (Arden Allen)
Date: Sat, 21 Apr 2012 13:45:41 -0700

Subject: [BoatAnchors] Some project updates...
References: <4F92C9FA.3050901@kd5byb.net>
Message-ID: <003d01cd2002\$5038b710\$999d480c@KB6NAX>

>my Eico regulated supply went
nuts and lost regulation.

6L6 go gassy or worse?

Arden

From arc5 at ix.netcom.com Sun Apr 22 07:25:39 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 22 Apr 2012 06:25:39 -0500
Subject: [BoatAnchors] RAAF Wireless 58 Set
Message-ID: <E6400650FE704034BA8A37346467CBD4@DaddyPC>

RAAF Wireless 58 Set, AT5 TX AR8 RX,
almost ready for display.

<http://home.netcom.com/~arc5/AR8AT5/Wireless58a.jpg>

Using a sheet of Lexan to cover the AT5 top for now.
The display base is "cockpit green" with flat-black simulated
"mounting racks" to be representative of the installations
in WWII RAAF aircraft.

The homebrew junction box is going to be drab olive
and sand-yellow camo of RAAF bombers
(thanks for the photo, Leslie).

Don't have the darkening overcoat on that yet.

Right after making this photo, I worked Tennessee and
Ohio on AM with it. About to take my coffee out to
the pig-wallow I call a "shack" and see if I can stir-up
the local boys on 3890 KC.

73 DE Dave AB5S

From gumbear at pacbell.net Sun Apr 22 08:09:32 2012
From: gumbear at pacbell.net (Arden Allen)
Date: Sun, 22 Apr 2012 05:09:32 -0700
Subject: [BoatAnchors] A Prayer Answered
Message-ID: <000901cd2080\$e0a49e80\$f79e480c@KB6NAX>

Fellow capacitor re-stuffers,

The best news I've had in decades came with the new paper catalog from Mouser Electronics. Now it's possible to rebuild four section Twist-Lok capacitors with ease. Nichicon's new line of "pencil thin" CS and PZ series capacitors with a maximum diameter of 12.5 mm are just what our failed boatanchor caps need. Four 12.5 mm caps will fit side-by-side inside the larger 1.315 in. diameter can. Two 12.5 mm caps will fit inside a 0.96 in. diameter can. Also three 10 mm caps will fit inside the smaller diameter Twis-Lok. For example, Mouser catalog number 647-UCS2W470MNY9, 47uF 450V, is just the ticket for using in many capacitor varieties. Take a look at catalog page 906 online to see how your dreams have been fulfilled. Im stocking up....

Arden Allen
KB6NAX

I love a dog. He does nothing for political reasons.
-Will Rogers

From provero at ct.metrocast.net Sun Apr 22 08:31:36 2012
From: provero at ct.metrocast.net (P.J. Rovero)
Date: Sun, 22 Apr 2012 08:31:36 -0400
Subject: [BoatAnchors] RAAF Wireless 58 Set
Message-ID: <62984.1335097896@ct.metrocast.net>

P.J. "Josh" Rovero Ham Radio: KK1D
Web: <http://www.roveroresearch.info>
Web2: <http://www.roveroresearch.org>

On Sun 04/22/12 07:25 , "David Stinson" <arc5 at ix.netcom.com> wrote:

> RAAF Wireless 58 Set, AT5 TX AR8 RX,
> almost ready for display.
> <http://home.netcom.com/~arc5/AR8AT5/Wireless58a.jpg>
>

Sweet!

From brianclarke01 at optusnet.com.au Sun Apr 22 08:34:06 2012
From: brianclarke01 at optusnet.com.au (Brian Clarke)
Date: Sun, 22 Apr 2012 22:34:06 +1000

Subject: [BoatAnchors] A Prayer Answered
References: <000901cd2080\$e0a49e80\$f79e480c@KB6NAX>
Message-ID: <5E4B3833CCE547BBB47613AD167163ED@WORKSHOP>

Hello Arden,

If you use these capacitors as capacitor-input filters, how do you handle the increased specific thermal dissipation (W/sq m) if all capacitors are held tightly together inside another can with no circulating air?

73 de Brian, VK2GCE.

On: Sunday, April 22, 2012 10:09 PM, Arden saud:

> Fellow capacitor re-stuffers,
>
> The best news I've had in decades came with the new paper catalog from
> Mouser Electronics. Now it's possible to rebuild four section Twist-Lok
> capacitors with ease. Nichicon's new line of "pencil thin" CS and PZ
> series
> capacitors with a maxium diameter of 12.5 mm are just what our failed
> boatanchor caps need. Four 12.5 mm caps will will fit side-by-side inside
> the larger 1.315 in. diameter can. Two 12.5 mm caps will fit inside a
> 0.96
> in. diameter can. Also three 10 mm caps will fit inside the smaller
> diameter Twis-Lok. For example, Mouser catalog number 647-UCS2W470MNY9,
> 47uF 450V, is just the ticket for using in many capacitor varieties. Take
> a
> look at catalog page 906 online to see how your dreams have been
> fulfilled.
> Im stocking up....
>
> Arden Allen
> KB6NAX

From johnmb at nc.rr.com Sun Apr 22 09:44:48 2012
From: johnmb at nc.rr.com (john)
Date: Sun, 22 Apr 2012 09:44:48 -0400
Subject: [BoatAnchors] A Prayer Answered
In-Reply-To: <5E4B3833CCE547BBB47613AD167163ED@WORKSHOP>
References: <000901cd2080\$e0a49e80\$f79e480c@KB6NAX>
<5E4B3833CCE547BBB47613AD167163ED@WORKSHOP>
Message-ID: <6.2.1.2.2.20120422094304.03ca0d80@pop-server.nc.rr.com>

I'd guess that since there were multi-section caps already in the can, that

replacing them with another would not be any more problematic. Couple that with the fact there's more volume of air in the can with the replacements, and that the aluminum can is a pretty good heat dissipator and I think all will be OK.

My .02
John K5MO

At 08:34 AM 4/22/2012, Brian Clarke wrote:

>Hello Arden,

>

>If you use these capacitors as capacitor-input filters, how do you handle
>the increased specific thermal dissipation (W/sq m) if all capacitors are
>held tightly together inside another can with no circulating air?

>

>73 de Brian, VK2GCE.

>

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>

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>>capacitors with a maximum diameter of 12.5 mm are just what our failed
>>boatanchor caps need. Four 12.5 mm caps will fit side-by-side inside
>>the larger 1.315 in. diameter can. Two 12.5 mm caps will fit inside a 0.96
>>in. diameter can. Also three 10 mm caps will fit inside the smaller
>>diameter Twist-Lok. For example, Mouser catalog number 647-UCS2W470MNY9,
>>47uF 450V, is just the ticket for using in many capacitor varieties. Take a
>>look at catalog page 906 online to see how your dreams have been fulfilled.
>>Im stocking up....

>>

>>Arden Allen

>>KB6NAX

>

>

>-----
>BoatAnchors mailing list

>BoatAnchors at theporch.com

><https://minime.theporch.com/mailman/listinfo/boatanchors>

From w9ac at arrl.net Sun Apr 22 10:02:10 2012

From: w9ac at arrl.net (Paul Christensen)

Date: Sun, 22 Apr 2012 10:02:10 -0400

Subject: [BoatAnchors] A Prayer Answered

References:

<000901cd2080\$e0a49e80\$f79e480c@KB6NAX><5E4B3833CCE547BBB47613AD167163ED@WORKSHOP>
<6.2.1.2.2.20120422094304.03ca0d80@pop-server.nc.rr.com>

Message-ID: <3E9975AC730E44CBBB34496EE412B91B@DBTOA000>

> I'd guess that since there were multi-section caps already in the can,
> that replacing them with another would not be any more problematic.
> Couple that with the fact there's more volume of air in the can with the
> replacements, and that the aluminum can is a pretty good heat dissipator
> and I think all will be OK.

Adding to John's point -- power within a capacitor is dissipated only by any non-reactive component due to dielectric leakage and internal resistance (ESR attributes). Generally, ESR has significantly improved over the decades due to better materials and manufacturing methods. This has resulted in less heat generation, all other factors being equal.

I see no issue with cramming four individual low ESR caps into the same aluminum can that once housed four equal, or higher ESR caps many years ago.

Paul, W9AC

From vilgotch at bigpond.net.au Sun Apr 22 18:01:27 2012

From: vilgotch at bigpond.net.au (Morris Odell)

Date: Mon, 23 Apr 2012 08:01:27 +1000

Subject: [BoatAnchors] RAAF Wireless 58 Set

References: <E6400650FE704034BA8A37346467CBD4@DaddyPC>

Message-ID: <000001cd20d3\$7bd1aea0\$73750be0\$@bigpond.net.au>

Hi Dave,

It's great to see one of these fully operational so far from home. I can't tell you how many butchered carcasses of them I've seen at hamfests down here over the years. It looks like you've done a terrific job on it, I've never seen one look so perfect!

73

Morris VK3DOC

Melbourne, Australia

-----Original Message-----

From: boatanchors-bounces at theporch.com
[mailto:boatanchors-bounces at theporch.com] On Behalf Of David Stinson
Sent: Sunday, 22 April 2012 9:26 PM
To: milsurplus at mailman.qth.net; boatanchors at theporch.com; ARC-5 List
Subject: [BoatAnchors] RAAF Wireless 58 Set

RAAF Wireless 58 Set, AT5 TX AR8 RX,
almost ready for display.

<http://home.netcom.com/~arc5/AR8AT5/Wireless58a.jpg>

Using a sheet of Lexan to cover the AT5 top for now.
The display base is "cockpit green" with flat-black simulated "mounting racks" to be representative of the installations in WWII RAAF aircraft.
The homebrew junction box is going to be drab olive and sand-yellow camo of RAAF bombers (thanks for the photo, Leslie).
Don't have the darkening overcoat on that yet.
Right after making this photo, I worked Tennessee and Ohio on AM with it.
About to take my coffee out to the pig-wallow I call a "shack" and see if I can stir-up the local boys on 3890 KC.

73 DE Dave AB5S

BoatAnchors mailing list
BoatAnchors at theporch.com
<https://minime.theporch.com/mailman/listinfo/boatanchors>

From charlesmorris800 at centurytel.net Sun Apr 22 18:27:43 2012
From: charlesmorris800 at centurytel.net (Charles)
Date: Sun, 22 Apr 2012 17:27:43 -0500
Subject: [BoatAnchors] NJE power supply schematic?
Message-ID: <2910AAE2-DEBF-4C18-8C86-AB8990DBD978@centurytel.net>

Looking for a schematic for an old NJE model TR-36-1 (0-36 volts DC, 1 amp) power supply that is malfunctioning.
It appears to be from the 1960's (error amps are 2N4xx germanium) and has three 2N629 Ge TO-3 pass transistors in parallel... seems like overkill for 1 amp!
I'd rather not trace out the schematic by hand, which would be tedious even though it's a relatively simple circuit.
No manuals available on ebay and the usual sources.
thanks for any help.
Charles

From arc5 at ix.netcom.com Sun Apr 22 19:12:12 2012
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 22 Apr 2012 18:12:12 -0500
Subject: [BoatAnchors] RAAF Wireless 58 Set
In-Reply-To: <000001cd20d3\$7bd1aea0\$73750be0\$@bigpond.net.au>
References: <E6400650FE704034BA8A37346467CBD4@DaddyPC>
<000001cd20d3\$7bd1aea0\$73750be0\$@bigpond.net.au>
Message-ID: <6DBC5802B54944849B16DCBD9BAAF856@DaddyPC>

----- Original Message -----

From: "Morris Odell" <vilgotch at bigpond.net.au>
Subject: [BoatAnchors] RAAF Wireless 58 Set

> Hi Dave,
>
> It's great to see one of these fully operational so far from home...

Thank you kindly, sir, and thanks to your fellow countrymen
who helped with the project.
If any of the men who designed this great radio yet live,
please tell them I shall lift a pint (or three) in their honor.

73 Dave AB5S

From gumbear at pacbell.net Sun Apr 22 19:24:54 2012
From: gumbear at pacbell.net (Arden Allen)
Date: Sun, 22 Apr 2012 16:24:54 -0700
Subject: [BoatAnchors] NJE power supply schematic?
References: <2910AAE2-DEBF-4C18-8C86-AB8990DBD978@centurytel.net>
Message-ID: <002001cd20df\$ad45a1b0\$229f480c@KB6NAX>

Nows your chance to get that degree in reverse engineering, Charles ;-)

Arden

>I'd rather not trace out the schematic by hand, which would be
tedious
even though it's a relatively simple circuit.

From navy.radio at gmail.com Sun Apr 22 21:02:01 2012
From: navy.radio at gmail.com (Nick England)
Date: Sun, 22 Apr 2012 21:02:01 -0400
Subject: [BoatAnchors] Heathkit catalogs 1948-78 for sale
Message-ID: <CAB55hNfMEF=XBNW+4oSGYskEhyD7ovKBhmN3tXZ8YmdSbgPeoQ@mail.gmail.com>

Howdy gang - I'm finally parting with the Heathkit catalogs that I've accumulated over the years.

List and prices at <http://www.virhistory.com/ham/heathcat.htm>

The price includes postage within US.

PayPal or USPS Money Order

Cheers,

Nick K4NYW

Oh yes, I still have a batch of unbuilt kits available

<http://www.virhistory.com/ham/kitlistsale.htm>

From hbreuer at debitel.net Mon Apr 23 02:02:35 2012
From: hbreuer at debitel.net (Heinz Breuer)
Date: Mon, 23 Apr 2012 08:02:35 +0200
Subject: [BoatAnchors] NJE power supply schematic?
In-Reply-To: <2910AAE2-DEBF-4C18-8C86-AB8990DBD978@centurytel.net>
References: <2910AAE2-DEBF-4C18-8C86-AB8990DBD978@centurytel.net>
Message-ID: <578F326C-A110-43E4-96E8-542577A291CB@debitel.net>

Vlon meinem iPhone gesendet

Am 23.04.2012 um 00:27 schrieb Charles <charlesmorris800 at centurytel.net>:

> Looking for a schematic for an old NJE model TR-36-1 (0-36 volts DC, 1 amp) power supply that is malfunctioning.

> It appears to be from the 1960's (error amps are 2N4xx germanium) and has three 2N629 Ge TO-3 pass transistors in parallel... seems like overkill for 1 amp!

> I'd rather not trace out the schematic by hand, which would be tedious even though it's a relatively simple circuit.

> No manuals available on ebay and the usual sources.

> thanks for any help.

> Charles

>

>

>

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From kd5byb at kd5byb.net Mon Apr 23 20:27:02 2012
From: kd5byb at kd5byb.net (Ben Hall)
Date: Mon, 23 Apr 2012 19:27:02 -0500
Subject: [BoatAnchors] Some project updates...
In-Reply-To: <003d01cd2002\$5038b710\$999d480c@KB6NAX>
References: <4F92C9FA.3050901@kd5byb.net>
<003d01cd2002\$5038b710\$999d480c@KB6NAX>
Message-ID: <4F95F356.1060604@kd5byb.net>

Hi Arden,

Could be - I did notice that after it happened it few times, I couldn't get it to happen again.

I've never run the Eico this hard - perhaps they were a little gassy but residual getter took care of it once they got real hot?

Odd...

thanks much,
ben

On 4/21/2012 3:45 PM, Arden Allen wrote:

>>my Eico regulated supply went
> nuts and lost regulation.
>
> 6L6 go gassy or worse?
>
> Arden
>
>

From gumbear at pacbell.net Mon Apr 23 22:22:42 2012
From: gumbear at pacbell.net (Arden Allen)
Date: Mon, 23 Apr 2012 19:22:42 -0700
Subject: [BoatAnchors] Some project updates...
References: <4F92C9FA.3050901@kd5byb.net>
<003d01cd2002\$5038b710\$999d480c@KB6NAX>
<4F95F356.1060604@kd5byb.net>
Message-ID: <000701cd21c1\$26436c50\$809f480c@KB6NAX>

The instability may have been caused by plasma events. Unless there is a

leak the only other cause for gas is overuse. But if you aren't abusing the tubes now then yes, getter will help clean things up a bit. Time will tell.

Arden

> Could be - I did notice that after it happened it few times, I couldn't get it to happen again.

> I've never run the Eico this hard - perhaps they were a little gassy but residual getter took care of it once they got real hot?

> Odd...

> thanks much,
> ben

On 4/21/2012 3:45 PM, Arden Allen wrote:

>>my Eico regulated supply went
> nuts and lost regulation.

>

> 6L6 go gassy or worse?

>

> Arden

>

>

From wb0eq at yahoo.com Tue Apr 24 11:10:27 2012

From: wb0eq at yahoo.com (John Sehring)

Date: Tue, 24 Apr 2012 08:10:27 -0700 (PDT)

Subject: [BoatAnchors] Hamfest acquisitions

Message-ID: <1335280227.76290.YahooMailNeo@web45609.mail.sp1.yahoo.com>

At a recent hamfest, picked up:

Hammarlund HQ-145.? Double conversion, general coverage HF rx, no product detector but interesting passband tuner on 455 kHz 2nd IF.

Motorola S1339/Boonton 92E RF millivolt meter.? Measures down to 0.001 V.? Unit mfr for Motorola by Boonton.

HP 411A RF millivolt meter, sensitivity down to 0.01 V

HP 412A DC voltmeter, does DC volts, DC mA, ohms, sensitivity down to 0.001 V,

have 2@

URM-25D RF signal generator, MIL, 10 kHz to 30 MHz, have 2@

HP 8405A Vector voltmeter

Singer SSB-50 Single sideband analyzer system, with RG-8 RF unit, covers 2-40 MHz & TIG-3 2-tone AF oscillator, covers 20-20kHz.?? This is a mystery box to me.? Quite large.? Looks dreadfully expensive.

As usual, probes are missing for both the HP 412A and Boonton 92E RF millivolt meters.? What's present is an HP 11025A with a male BNC on its tip on the HP. I have nothing of the Boonton probe.

Q: How do all those hard to find probes go missing?? Sometimes can find 'em on web but cost way more than main unit.? Is there some kind of purgatory for them?

All in nice to very nice physical shape, haven't put them into my "suspended animation resuscitation chamber" yet.? Came from estate sale, chap was first class restorer.?

Have paperwork for all.

Nice for me to have two samples of a thing when troubleshooting.

Any comments, suggestions, trouble-shooting tips, thumbs up, thumbs down, tobacco juice squirts, eye rolling, wind passing welcome.
?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

From john.shriver at gmail.com Tue Apr 24 19:29:23 2012

From: john.shriver at gmail.com (John Shriver)

Date: Tue, 24 Apr 2012 19:29:23 -0400

Subject: [BoatAnchors] Hamfest acquisitions

In-Reply-To: <1335280227.76290.YahooMailNeo@web45609.mail.sp1.yahoo.com>

References: <1335280227.76290.YahooMailNeo@web45609.mail.sp1.yahoo.com>

Message-ID: <4F973753.9050601@gmail.com>

On 4/24/2012 11:10 AM, John Sehring wrote:

> Q: How do all those hard to find probes go missing? Sometimes can find 'em on web but cost way more than main unit. Is there some kind of purgatory for them? Sadly, in the trash.

At MIT Electronics Research Society, we had one president who wanted to clean up the room. Threw out the coils for the Heathkit grid dip meter because they looked "old and dirty". Sigh.

Yeah, we did hang onto too much junk there, but you gotta be good at your triage.

Now, at least for scope probes, they are so fragile that many were ruined, and thus went to the trash legitimately. (Although in some cases they can be repaired.)

From kb8tad at gmail.com Tue Apr 24 21:40:34 2012
From: kb8tad at gmail.com (Rich Post)
Date: Tue, 24 Apr 2012 21:40:34 -0400
Subject: [BoatAnchors] Lawrence Engineering mod for Heathkit Two'er
Message-ID: <CAEJr0FtPDQStA=aFJZjsyxTtJnZY9cUWtM=5nsR3rzvPZyieDw@mail.gmail.com>

Anchorites,

I have had a Heathkit Two'er with the Lawrence Engineering mod for some time. It consists of a subchassis with 3 tubes that converts the receiver to superhet. Does anyone have a schematic?

An article in the November 1964 issue of 73 magazine (pages 74 and 75) covers the essentials with a block diagram of how it works. A pdf of that issue is at

<http://ia600807.us.archive.org/26/items/73-magazine-1964-11/11_November_1964.pdf>

The only other reference I can find is that the instruction manual was submitted to the copyright office in 1964.

Tnx de Rich KB8TAD

<<http://www.ohio.edu/people/posttr/bapix/>>

From spr at earthlink.net Wed Apr 25 03:00:27 2012
From: spr at earthlink.net (Scott Robinson)
Date: Wed, 25 Apr 2012 00:00:27 -0700
Subject: [BoatAnchors] 80 meter 3 full size 3 element beam
Message-ID: <4F97A10B.2060307@earthlink.net>

Folks,

Definitely worth watching!

<http://www.youtube.com/watch?v=T_g2tnCR09k&feature=youtu.be>

Amazing piece of construction work!

/scott

From wb0eq at yahoo.com Thu Apr 26 10:24:26 2012
From: wb0eq at yahoo.com (John Sehring)
Date: Thu, 26 Apr 2012 07:24:26 -0700 (PDT)
Subject: [BoatAnchors] Capacitor reforming--the "73" way
Message-ID: <1335450266.7175.YahooMailNeo@web45616.mail.sp1.yahoo.com>

This link, provided on the BA list for another purpose, is a copy of 73 magazine for 11/64.

It was fun to read what my old friend, Wayne Green, had to say...firing at the ARRL, as usual! What fun.

This issue also contains an article on building an electrolytic capacitor reformer.? For those of us without, say, Sprague's T0-4, -5, or -6,? maybe just the ticket.

In a nutshell, it applies a suitable voltage (variable, up to about 400 VDC) to a cap while monitoring the current flow through it.?

This circuit could even be simplified or modified to suit your needs.? E.g. the paper cap leakage checker part of it could be eliminated.

?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

From wb0eq at yahoo.com Thu Apr 26 11:04:00 2012
From: wb0eq at yahoo.com (John Sehring)
Date: Thu, 26 Apr 2012 08:04:00 -0700 (PDT)
Subject: [BoatAnchors] Hammarlund HQ-88
Message-ID: <1335452640.78092.YahooMailNeo@web45602.mail.sp1.yahoo.com>

My thanks to KB8TAD for posting old issue of 73 magazine on BA:

http://ia600807.us.archive.org/26/items/73-magazine-1964-11/11_November_1964.pdf

I had so much fun browsing thru it!

I found what I think must be the hardware equivalent of "vapor-ware".? It is an ad for Hammarlund's HQ-88 receiver.

I've never seen reference to these before.? Curious model number choice, same as Hallicrafters SX-88.

This year was about the end of the line for Hammarlund I'd say.

IMO, their HX-50/A SSB exciter was a terrible piece of equipment--I know--I had one for years.? Ok, nail #1 in coffin.

Didn't Hammar also try with another receiver, maybe HQ-215??

?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada

From wb0eq at yahoo.com Thu Apr 26 11:38:11 2012

From: wb0eq at yahoo.com (John Sehring)

Date: Thu, 26 Apr 2012 08:38:11 -0700 (PDT)

Subject: [BoatAnchors] Fw: Capacitor reforming--the "73" way

In-Reply-To: <1335450266.7175.YahooMailNeo@web45616.mail.sp1.yahoo.com>

References: <1335450266.7175.YahooMailNeo@web45616.mail.sp1.yahoo.com>

Message-ID: <1335454691.99232.YahooMailNeo@web45610.mail.sp1.yahoo.com>

?(Roy Morgan kindly pointed out I'd forgotten the link!? D-oh.? Here it is.)

>This link, provided on the BA list for another purpose, is a copy of 73 magazine
> for 11/64.

http://ia600807.us.archive.org/26/items/73-magazine-1964-11/11_November_1964.pdf

> It was fun to read what my old friend, Wayne Green, had to say...firing at the
> ARRL, as usual! What fun.

>

> This issue also contains an article on building an electrolytic capacitor
> reformer.? For those of us without, say, Sprague's T0-4, -5, or -6,? maybe
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>

> In a nutshell, it a applies a suitable voltage (variable, up to about 400 VDC)
> to a cap while monitoring the current flow through it.?

>

> This circuit could even be simplified or modified to suit you needs.? E.g. the
> paper cap leakage checker part of it could be eliminated.

> ?

> --John Sehring? VE6/WB0EQ? nr. Calgary, Alberta, Canada

From provero at ct.metrocast.net Thu Apr 26 12:26:51 2012

From: provero at ct.metrocast.net (P.J. Rovero)

Date: Thu, 26 Apr 2012 12:26:51 -0400

Subject: [BoatAnchors] Hammarlund HQ-88
Message-ID: <60405.1335457611@ct.metrocast.net>

On Thu 04/26/12 11:04 , John Sehring <wb0eq at yahoo.com> wrote:

> I found what I think must be the hardware equivalent of
> "vapor-ware". It is an ad for Hammarlund's HQ-88 receiver.
> I've never seen reference to these before.

Try also:
<http://www.hammarlund.org/HQ-88.html>

P.J. "Josh" Rovero Ham Radio: KK1D
Web: <http://www.roveroresearch.info>
Web2: <http://www.roveroresearch.org>

From jp at cs.unc.edu Thu Apr 26 13:00:25 2012
From: jp at cs.unc.edu (John Poulton)
Date: Thu, 26 Apr 2012 13:00:25 -0400 (EDT)
Subject: [BoatAnchors] Stuff for Dayton
Message-ID: <alpine.LRH.2.02.1204261254050.24849@snapper.cs.unc.edu>

I have an item that I'm taking to Dayton that may be of particular interest to the MIL collectors out there: a genuine WWII-era Field Table. This thing is a cute little olive drab table, 24"x36", with folding legs, made out of hardwood. Just the thing for MIL Field Day. You can see a pix of this type of table at:

<http://wwiisupply.com/fieldtables.html>

..except this one is the real thing, not a repro. \$60 at the hamfest.

Will also have an R-390 with meters and covers, a large box of NOS A-B Carbon Comps (on-value!), a big stash of Orange Drop capacitors, a bunch of original Hallicrafters manuals, a herd of large tubeaxial fans from TMC, and much more..

Spaces 2508/2509. Looking forward to seeing old friends and new.

73, John K4OZY

From anchor at ec.rr.com Thu Apr 26 13:17:26 2012
From: anchor at ec.rr.com (Al Parker)
Date: Thu, 26 Apr 2012 13:17:26 -0400
Subject: [BoatAnchors] Hammarlund HQ-88

In-Reply-To: <60405.1335457611@ct.metrocast.net>
References: <60405.1335457611@ct.metrocast.net>
Message-ID: <4F998326.2040303@ec.rr.com>

Hi folks,

I'd forgotten about the HQ-88, but there was/is another, the HQ-66, to be seen <<http://www.boatanchors.org/HQ-66.htm>> If anyone is seriously interested in owning that one, I can put him in touch with the owner. He told me recently that he could be persuaded.
73,

Al, W8UT
www.boatanchors.org
www.hammarlund.info

"There is nothing -- absolutely nothing -- half so much worth doing as simply messing about in boats"
Ratty, to Mole

On 4/26/2012 12:26 PM, P.J. Rovero wrote:
> On Thu 04/26/12 11:04 , John Sehring<wb0eq at yahoo.com> wrote:
>
>> I found what I think must be the hardware equivalent of
>> "vapor-ware". It is an ad for Hammarlund's HQ-88 receiver.
>> I've never seen reference to these before.
>
> Try also:
> <http://www.hammarlund.org/HQ-88.html>
>
> P.J. "Josh" Rovero Ham Radio: KK1D
> Web: <http://www.roveroresearch.info>
> Web2: <http://www.roveroresearch.org>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From richardlo at admin.athabascau.ca Thu Apr 26 13:11:09 2012
From: richardlo at admin.athabascau.ca (Richard Loken)
Date: Thu, 26 Apr 2012 11:11:09 -0600 (MDT)
Subject: [BoatAnchors] Capacitor reforming--the "73" way
In-Reply-To: <1335450266.7175.YahooMailNeo@web45616.mail.sp1.yahoo.com>
Message-ID: <Pine.PMDF.4.44L.1204261105260.188-100000@local.admin.athabascau.ca>

On Thu, 26 Apr 2012, John Sehring wrote:

> It was fun to read what my old friend, Wayne Green, had to say...firing at
> the ARRL, as usual! What fun.

I met Wayne Green once at a SAROC convention in Lost Wages Circa 1971. It was some hospitality suite with free booze and an assortment of women who were too young, pretty, and well dressed to be the wives of anybody present (except maybe Wayne himself who seemed by able to obtain pretty wives). I was too young and ugly to be welcome in the room at all.

It was always fun too read 73 Magazine and see who had annoyed Wayne this week. Sometimes I even took time out to read the technical articles - like the one explaining the decibel which started with a picture of Wayne's wife Lin and a suggestion to go look at the picture whenever the discussion of logarithms got too confusing.

--

```
Richard Loken VE6BSV, Unix System Administrator : "Anybody can be a father
Athabasca University                           : but you have to earn
Athabasca, Alberta Canada                     : the title of 'daddy'"
** richardlo at admin.athabascau.ca **          : - Lynn Johnston
```

From wb3fau55 at neo.rr.com Thu Apr 26 20:54:21 2012
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Thu, 26 Apr 2012 20:54:21 -0400
Subject: [BoatAnchors] Hammarlund HQ-88
In-Reply-To: <60405.1335457611@ct.metrocast.net>
Message-ID: <20120427005421.TY273.18287.root@cdptpa-web34-z01.mail.rr.com>

I am not familiar with this Hammarlund, was it that good? Russ.

---- "P.J. Rovero" <provero at ct.metrocast.net> wrote:

> On Thu 04/26/12 11:04 , John Sehring <wb0eq at yahoo.com> wrote:

>

> > I found what I think must be the hardware equivalent of
> > "vapor-ware". It is an ad for Hammarlund's HQ-88 receiver.
> > I've never seen reference to these before.

>

> Try also:

> <http://www.hammarlund.org/HQ-88.html>

>

> P.J. "Josh" Rovero Ham Radio: KK1D
> Web: <http://www.roveroresearch.info>
> Web2: <http://www.roveroresearch.org>

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From provero at ct.metrocast.net Thu Apr 26 22:11:47 2012
From: provero at ct.metrocast.net (P.J. Rovero)
Date: Thu, 26 Apr 2012 22:11:47 -0400
Subject: [BoatAnchors] Hammarlund HQ-88
Message-ID: <61694.1335492707@ct.metrocast.net>

On Thu 04/26/12 20:54 , <wb3fau55 at neo.rr.com> wrote:

> I am not familiar with this Hammarlund, was it that good? Russ.

I think that both the HQ-88 and HQ-66 were
"last ditch" attempts to keep Hammarlund
going. I don't think that there are significant
numbers of them "out there".

P.J. "Josh" Rovero Ham Radio: KK1D
Web: <http://www.roveroresearch.info>
Web2: <http://www.roveroresearch.org>

From JJan-3 at cox.net Fri Apr 27 02:39:59 2012
From: JJan-3 at cox.net (Jim Hill)
Date: Thu, 26 Apr 2012 23:39:59 -0700
Subject: [BoatAnchors] Fw: Capacitor reforming--the "73" way
In-Reply-To: <1335454691.99232.YahooMailNeo@web45610.mail.sp1.yahoo.com>
References: <1335450266.7175.YahooMailNeo@web45616.mail.sp1.yahoo.com>
<1335454691.99232.YahooMailNeo@web45610.mail.sp1.yahoo.com>
Message-ID: <20120427063939.UX0I9100.fed1rmfepo103.cox.net@fed1rmimpo110.cox.net>

Hi, John and the List
Wayne is still around, but has moved on from firing at the ARRL to
bigger and better things, like fixing incurable diseases, etc. check
out <http://www.waynegreen.com/>.

Jim

At 08:38 AM 4/26/2012, John Sehring wrote:
> (Roy Morgan kindly pointed out I'd forgotten the link! D-oh. Here it is.)
>
> >This link, provided on the BA list for another purpose, is a copy
> of 73 magazine
> > for 11/64.
>
>http://ia600807.us.archive.org/26/items/73-magazine-1964-11/11_November_1964.pdf
>

> > It was fun to read what my old friend, Wayne Green, had to
> say...firing at the
> > ARRL, as usual! What fun.
> >

From w3nu at roadrunner.com Fri Apr 27 03:55:31 2012
From: w3nu at roadrunner.com (Charles Ring)
Date: Fri, 27 Apr 2012 03:55:31 -0400
Subject: [BoatAnchors] Fw: Capacitor reforming--the "73" way
In-Reply-To: <20120427063939.UX0I9100.fed1rmfepo103.cox.net@fed1rmimp0110.cox.net>
References: <1335450266.7175.YahooMailNeo@web45616.mail.sp1.yahoo.com>
<1335454691.99232.YahooMailNeo@web45610.mail.sp1.yahoo.com>
<20120427063939.UX0I9100.fed1rmfepo103.cox.net@fed1rmimp0110.cox.net>
Message-ID: <4F9A50F3.3050904@roadrunner.com>

Wayne participates in the Ham Radio History yahoo group.

On 4/27/2012 0239, Jim Hill wrote:

> Hi, John and the List
> Wayne is still around, but has moved on from firing at the ARRL to
> bigger and better things, like fixing incurable diseases, etc. check
> out <http://www.waynegreen.com/>.
>
> Jim
>
> At 08:38 AM 4/26/2012, John Sehring wrote:
>> (Roy Morgan kindly pointed out I'd forgotten the link! D-oh. Here
>> it is.)
>>
>> >This link, provided on the BA list for another purpose, is a copy of
>> 73 magazine
>> > for 11/64.
>>
>> http://ia600807.us.archive.org/26/items/73-magazine-1964-11/11_November_1964.pdf
>>
>>
>> > It was fun to read what my old friend, Wayne Green, had to
>> say...firing at the
>> > ARRL, as usual! What fun.
>> >
>
> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From charlesmorris800 at centurytel.net Fri Apr 27 15:01:26 2012
From: charlesmorris800 at centurytel.net (Charles)
Date: Fri, 27 Apr 2012 14:01:26 -0500
Subject: [BoatAnchors] OT: Victoreen Area Monitor
Message-ID: <9E47AA30-A83A-4622-8825-F9468191C9D9@centurytel.net>

I have a brand-new, early 1980's Victoreen model 856-10 Area Monitor (radiation detector) and can't find any information on it anywhere, except that some companies will repair them for a flat \$795.00 fee! I think I picked it up at Dayton in the 90's for a few bucks, complete with never-soldered Cannon connectors. Unfortunately it did not come with the detector head so it's not very useful as-is :(

It is powered by 120V 60Hz and has a logarithmic meter scale from .01 to 1000 mr/hr, and an adjustable level to trigger the alarm. There is 600 vdc at the detector connector HV pin measured with both a 10 meg DVM and a 100 megohm HP 412A VTVM. Most Geiger tubes I know of operate at 900v or 300v, and there are about ten pins going to the detector, so any info, especially a schematic, would be very useful...

thanks
Charles

From 4cx250b at muohio.edu Sun Apr 29 17:43:42 2012
From: 4cx250b at muohio.edu (Jim Garland)
Date: Sun, 29 Apr 2012 15:43:42 -0600
Subject: [BoatAnchors] Nice HRO-500 Writeup
Message-ID: <F4E15CB36B1047E280233B3801094E74@Garland>

Hi All,

A friend sent me this link to an impressive HRO-500 restoration project. It's very comprehensive and worth saving if you have one of these radios. Lots of good circuit descriptions, oscilloscope traces, alignment hints, etc.

I don't agree with the restorer KI6QP on some of his impressions of the radio, however. For example, he recommends an audio derived AGC, which would

be fine for CW and SSB but which won't work on AM (which is probably the most common use for the radio). His comments about the primitive product detector aren't incorrect, but the problem is that the ferrite core resonators introduce distortion into the detected audio, and a more sophisticated product detector won't cure that. I think also some of his construction criticisms (e.g., using transistor sockets, point-to-point wiring), while not wrong, are made with the benefit of hindsight. By the time the HRO-600 was introduced, National had used all PCB-mounted circuitry, with motherboards and extender boards (for servicing). When the HRO-500 was designed, ICs and digital logic weren't really around! In any case, the restorer (who, incidentally, is not a collector, but just got interested in the radio) did a really fine job restoring it.

Here's the link: http://www.valontechnology.com/HRO500/HRO500_ki6qp.htm

73,

Jim Garland W8ZR

From gumbear at pacbell.net Sun Apr 29 19:22:44 2012
From: gumbear at pacbell.net (Arden Allen)
Date: Sun, 29 Apr 2012 16:22:44 -0700
Subject: [BoatAnchors] Nice HRO-500 Writeup
References: <F4E15CB36B1047E280233B3801094E74@Garland>
Message-ID: <000c01cd265e\$ff3272d0\$f29d480c@KB6NAX>

Jim, actually, done right, RF derived AGC will work equally well for both AM and CW/SSB. Some improvement in attack and release times is needed.

Arden Allen
KB6NAX

Adopt a shelter dog,
save an innocent life,
and make a friend forever =:-)

>I don't agree with the restorer KI6QP on some of his impressions of the radio, however. For example, he recommends an audio derived AGC, which would be fine for CW and SSB but which won't work on AM

From thompson at mindspring.com Sun Apr 29 23:40:28 2012
From: thompson at mindspring.com (David Thompson)
Date: Sun, 29 Apr 2012 23:40:28 -0400
Subject: [BoatAnchors] Hammarlund HQ-88 and HQ-66
References: <60405.1335457611@ct.metrocast.net> <4F998326.2040303@ec.rr.com>
Message-ID: <020701cd2683\$4ea7e650\$265e4d0c@yourxb2x7j77gn>

Sorry I have been out of town so slow to comment on this. The HQ-88 shown in the picture appears to be the same receiver shown in the 1966 WRL Catalog, It was designed to be very stable unlike some of the other Hammarlund designs.

Reading thru my notes from my meetings with Frank Lester, W4AMJ ex W2AMJ it appears the Hammarlund did make a prototype or two of the HQ-88. The one shown in the WRL catalog is dark faced not two tone white/black. The S meter is surrounded by the Hammarlund name on one side and HQ-88 on the other. I assume since this receiver did not go into production and Frank already had his Engineers at Mars Hill working on the later HQ-215 that the HQ-215 survived through a modest production run. The notes say the HQ-215 was competition for the Collins 75S3 receiver in that you read 1 kcs directly rather than 10 kcs on the main dial and 1 kcs on the logging dial ala Drake R4A/B style. Hammarlund used a long band reading directly in kilocycles.

Frank was even more familiar with the HQ-66. The Chief Engineer at Mars Hill (maybe Bob W2HEL/4) wanted to upgrade the older HQ-100 then move on to the HQ-110. There were two prototypes of the HQ-66 completed.

Hammarlund moved through several owners from 1965 to 1972 and never did get a transceiver to market. Lloyd Hammarlund would not allow Frank and the Engineers to go the mechanical filter route so they tried the low frequency IF's that required very difficult alignment to get selectivity to work in say the HQ-170 or 180.

Finally in the HQ-215 Hammarlund had the stability but merely ran out of funds. Stu Meyer moved to Outercom and Frank Lester retired in 1970 as the last NYC Hammarlund Employee.

Prototypes, yes but not really vaporware. Frank said there was an attempt to make a matching transmitter for the HQ-215. He never even saw anything beyond the basic specs. He hoped for a receiver/transmitter combo like the Collins S Line or Drake 4 Line.

73 Dave K4JRB

From wb0eq at yahoo.com Mon Apr 30 18:53:35 2012
From: wb0eq at yahoo.com (John Sehring)
Date: Mon, 30 Apr 2012 15:53:35 -0700 (PDT)
Subject: [BoatAnchors] Nice HRO-500 Writeup
Message-ID: <1335826415.12957.YahooMailNeo@web45610.mail.sp1.yahoo.com>

>I don't agree with? the restorer KI6QP on some of his impressions of the radio, however. For example, he recommends an audio derived AGC, which would be fine for CW and SSB but which won't work on AM (which is probably the most common use for the radio).

Audio-derived AGC is a poor way to generate gain control.? It is used in "primitive" receivers such as direct conversion types where there's no other place to connect.

By the time a signal gets to post-demodulation, it's been distorted by the IF & demodulator phase shifts (group delay) so? that it's far too slow (been too delayed) to pull down the gain quickly enough on leading edges.? This is of course critical with SSB and CW sigs.? Note that this nothing to do with the AGC attack time, which is a function of the time-constants of the AGC circuit itself.? Audio-derived AGC could conceivably have fast enuf attack time yet be unsuitable.

Result?? Lots of "pops" & possible gain pumping on the received signal leading edges.

>His comments about the primitive product detector aren't incorrect, but the problem is that the ferrite core resonators introduce distortion into the detected audio, and a more sophisticated product detector won't cure that.

I find no "primitive" product detector.? It's of the dual diode variety.? That's an ok way to do it I'd say.

The "ferrite resonators"--may be referring to the IF xfmr.? National used that kind of xfmr,? (e.g. in the NC-270, the National "blue line of radios) did not age well, sometimes not possible to align 'em correctly.? So, terribly lumpy IF response could muddle the audio.

HRO-500 manual avail. at edebris web site.? It's an interesting look at early entirely bipolar transistor circuit design.? I'd say its strong-signal handling would be quite poor.

?

--John Sehring VE6/WB0EQ nr. Calgary, Alberta, Canada